

**Patent Claims**

- A1 > 1. Method for producing printed surfaces which fluoresce under UV illumination by using print colours and/or paints with pigments which are non-visible in normal light and are visible in UV light, characterised by
- a conventional one or four colour printing, preferably four colour printing method, in which the fluorescent pigments of the print colours, in particular yellow, blue (cyan) and red (magenta) and special colour tones are at a defined ratio to the non-fluorescent pigments of the print colours.
2. Method according to claim 1, characterised in that organic pigments are added to the print colours and/or paints in the range of 15% to 20%, fluorescent pigments in the range of 5% to 30% and optically active substances in the range of 0% in one kilogram of colour.
3. Method according to claim 1, characterised in that, in the print colours, organic pigments are added in the range of 5% to 15%, fluorescent pigments in the range of 10% to 50% and optically active substances in the range of 0.1% to 0.5% in one kilogram of colour.
4. Method according to claim 1, characterised in that organic pigments are added to the print colours and/or paints in the range of 0.5% to 5%, fluorescent pigments in the range of 15% to 80% and optically active substances in the range of 0.5% to 1% in one kilogram of colour.

5. Method according to claim 1,  
characterised in that  
organic pigments are added to the print colours and/or paints in  
the range of 0.5% to 3%, fluorescent pigments in the range of 20%  
to 85% and optically active substances in the range of 1% to 2% in  
one kilogram of colour.

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6. Method according to claim 1,  
characterised in that  
organic pigments are added to the print colours and/or paints in  
the range of 0.5% to 1%, fluorescent pigments in the range of 25%  
to 90% and optically active substances in the range of 2% to 5% in  
one kilogram of colour.